

ABSTRACT

A powertrain unit includes a hydraulic continuously variable transmission including a transmission housing, and a dipstick for checking an oil level in the housing. The width of the powertrain unit is reduced by positioning the dipstick laterally inside the housing. The hydraulic continuously variable transmission includes a fixed-displacement swash plate plunger pump and a variable displacement swash plate plunger motor, which are connected through a closed hydraulic circuit. The outer circumference of a portion of a pump casing of the plunger pump is reduced in diameter to form a reduced diameter portion. The dipstick is positioned so that a gauge portion thereof extends from an area near the outer circumference of the reduced diameter portion down to the bottom of the transmission housing.